**COMPUTER STUDIES** **FIRST TERM THIRD WEEK**

**BASIC 6**

**TOPIC:** Computer Network

Computer network is the sharing of data (information) between a set of connected computers.

**PERFORMANCE OBJECTIVES**

* By the end of the lesson, the pupils should have attained the following objectives (cognitive, affective and psychomotor):
1. define computer network;
2. list three of computer network;
3. list 5 requirements for connecting computers;
4. lists 5 place where computer networks are used.

**ENTRY BEHAVIOR**

* The pupils are required to already have learned the meaning of computer network

**INSTRUCTIONAL MATERIALS**

* The teacher will teach the lesson with the aid of charts of computer network.

**METHOD OF TEACHING**

1. Explanatory
2. Discussion
3. Questions and answers

**REFERENCE MATERIALS**

1. Scheme of Work
2. 9 - Years Basic Education Curriculum
3. Tanus Computer Studies book 6
4. All Relevant Materials ]l

**CONTENT OF THE LESSON**

**TYPES OF COMPUTER NETWORK**

* ***Local Area Network (LAN)***

**LAN** is a set of computers connected together, usually within the same building. For example - resident, school, laboratory, office within the same buildin

* **Metropolitan Area Network (MAN)**

**MAN** is a set of computers connected together, usually within the same city. For example - Lagos state.

* ***Wide Area Network (WAN)***

**WAN** is a world wide network. It connects large number of computers together.

**COMPUTER NETWORK REQUIREMENTS**

1. Connecting cables
2. A central computer
3. Other computers
4. Switch or Hub
5. Network card for each computer

**WHERE** **COMPUTER NETWORK ARE USED**

1. Schools e.g. University of Lagos, Lagos State Government University, Yaba College of Technology
2. Government Offices e.g. Lagos State Government, Lausa - Ikeja
3. Hotel Reservation System e.g. Federal Palace Hotel, Sharaton Hotel
4. Banking Industry e.g. First bank, UBA, Union bank
5. Television Stations e.g. NTA, Startime, Dstv
6. Telecommunication Companies e.g. MTN, GLO, 9mobile
7. INCE Office
8. JAMB, NECO AND WACE

**PRESENTATION**

* To deliver the lesson, the teacher adopts the following steps:
1. To introduce the lesson, the teacher revises the previous lesson. Based on this, he/she asks the pupils some questions;
2. Leads pupils to define and list types of networking.
3. Pupil’s Activities - Identify and explain the relationship and the different between computer networks.
4. Summarizes the lesson the board.
5. Note taking.

**CONCLUSION**

* To conclude the lesson for the week, the teacher revises the entire lesson and links it to the following week’s lesson.

**LESSON EVALUATION**

* **Pupils to:**
1. define computer network;
2. list three of computer network;
3. differentiate between LAN, MAN and WAN;
4. list 5 requirements for connecting computers;
5. lists 5 place where computer networks are used.